

GIS Users Meeting December 2016 Minutes

Welcome by Everett Root, Office of Technology Partnerships, Center for Shared Solutions

Federal

USGS – Charley Hickman –Nothing new on LiDAR Funding. Operating on a continuing resolution, so that has slowed things down a bit. New Street address, but email is the same. The Lansing office will be moving in the next 5 years.

National Guard – Eric Starn –Flying imagery in Kalkaska and Crawford Counties for Camp Grayling for 3 inch and LiDAR information.

Ashley Cunningham – New employee with the National Guard.

State

CSS – Everett Root – 16 Counties, 15,000 sq. miles of imagery flown in 2016. We are in production mode and data expected to be delivered in January. QA for LiDAR to USGS by 12/31/16. New statewide tile system for the State, so no areas will be missed. QL2 LiDAR for 29 Counties will be acquired, and has begun this fall and will stay until it snows.

If you have Census data contact Everett.

GRACE Project Update: Project is to expose high school students to GIS. Need for Geomentors and opportunities to host internships for those students. There is a focus in the Lansing area. GRACE takes care of all the overhead for the internship and the student comes with software.

Josh Ross – Version 17 Framework will be out sometime in January on the Open Data Portal. The linear file is too large to download thru the Portal, so please contact Josh directly for that file.

Mark Holmes – Geographic Framework Technology Update. RFP has gone out, and the Committee is reviewing proposals and hope to get to selections. Survey was released to gather information from the GIS community. We have had 120 responses. Version 17 Framework will come out of current system, and Version 18 will come out in the new system. Updates will come out on Buy for Michigan.

Michigan.gov/GIS site is in the test site phase right now and being tweaked. Expected to roll out sometime in January. This site is expected to be more searchable than the current CSS site.

MDOT – Michael Reynolds – Working with ESRI's Roads and Highways. TAMS. Developing a to/from model that will input an intersection or a boundary and will create it for an entire road network.

MDOT – Greg Guikema – Unit has ipad and want to get ArcGIS online loaded on it.

DEQ – Paige Gebhardt – Intern working in the DEQ. Internship will be ending soon.

DEQ – Seth Wright– Field Data Collection Application. Going to continue to test this winter and work in SQL.

Regional

Ann Burns – SEMCOG – SEMCOG GIS User Group Meeting is December 8th at 9:30am. Jim Bennett of Info Geographics will be presenting Macomb County addresses and the 911 system, and also Everett will be talking about LiDAR. Provided building footprints to ESRI and they have incorporated them into their world topo base map and also the 2015 imagery and they will host the data and they will help migrate the data and host it in the cloud. Desktop license may be hosted in the cloud.

Local

Sam Quon – City of Lansing – Phase 3 of Asset Management implementation, hope to finish up with Trash and recycling by January. Using Collector to identify Bike Rack Locations and implementing Open Data platform as a pilot project and updating to 10.2.2.

Andy Skelton – City of Lansing – Working with the cemetery office in getting their hard file and book of the dead digitized for the cemeteries. Emergency Management division in getting the common operating platform built for them.

Eric Essenburg – City of Lansing – Property information web application. Working on sidewalks.

Trevor Floyd – St. Clair County – Hiring a GIS Analyst. ArcGIS online. Looking at how many servers are needed. ESRI Sales rep Frank Baxter to coming to meet with St. Clair County. Projects with Emergency Management. Local Assessors are making maps.

Kimberly Wolosiewicz – Macomb County – Upgrading to 10.4. Just integrated Maps for office to develop better work flow for services to update in real time. Working with Web Map to develop custom interfaces.

Jennifer Quinlivan – Meridian Township – Integrating master plan into GIS database and updating maps.

Ryan Schaner – Grand Rapids Airport – Use survey data from FAA and putting it into GIS databases. Running applications, runs like a small city. Using Auto CAD 3D and incorporating GIS.

Sandon Leteri – Livingston County - Updating to ArcGIS 10.4.1. Older databases causing problem with ArcMap crashing, there is a patch. Trying to launch an interactive parcel map online. Building the application in ArcGIS online to find Parks and Polling locations based on addresses and to find local representatives for districts. Using server for routing. Working with ArcGIS online for applications.

Other

Amanda Tickner – MSU Library – Adding more records to the Big 10 Academic Alliance Portal. Links are changing rapidly and causing problems with large data sets. Conducting a usability study of the portal. Asking for participants.

Clare Peterson – MSU Invasive Species – Working on a treatment tracking portal. Arc GIS Portal allows groups to keep track of treatments on invasive species. Working on getting MISON observations into the Portal. Looking for better options to view the data since the data is so large. Holding Invasive Species Meeting at Tree Tops Resort December 5th and 6th.

Justin Booth – RS & GIS – Working on a new round of custom training for MDOT. Scheduling a spring and summer Workshop in conjunction with Northwest Michigan College UAV Program to do flying portions of Training for workshop, having college students flying UAV's and RS & GIS managing workflows and the processing the data. Figuring workflows for UAV's to implement into GIS.

Mike Cousins – OHM Advisors – New UAV program. Using ArcGIS for AutoCAD. Viewing data live thru server into AutoCAD. Can populate GIS database easily. Hiring 1 to 2 more people in the next 3 months.

Winn Wilson – Lansing Community College – West Campus. Working with the CIT/GIS Students. A full time professor will now be overseeing the GIS Program. Helps students with the job search. IT Program is extensive at LCC.

Becky Norris – Cardinal – Working with MISIN to collect data.

Associations

MICAMP – Trevor Floyd– MICAMP Conference, next year's dates for the Conference have been moved to the 3rd week in September, which is a much busier time at Boyne so be sure and get your room reservations early. MiCAMP will be able to be used for Assessor's credits.

IMAGIN – Conference will be June 4th – 6th in Traverse City.

Morning Special Topic

Center for Shared Solutions – Tony Olkowski presenting ArcGIS Online updates. He will show recent additions to the CSS ArcGIS online website.

Afternoon Educational Topic

Coastal Sleuthing in High Resolution: Interdisciplinary RS/GIS Research on Lake Michigan Coastal Dunes

Presented by: Bill Monaghan (Indiana University), Bob Goodwin, Justin Booth, Alan Arbogast, William Lovis (Michigan State University)

This interdisciplinary research group will present on a range of related research taking place on the Lake Michigan coastal dunes by a team of archaeologists, geologists, physical geographers, and GIS/RS specialists.

The group will address fundamental information about both availability and processing of different RS and GIS data, and then focus in on LiDAR

applications. This will provide an entrée into case studies at different scales currently being conducted by various research groups at Sleeping Bear Dunes and at Ludington State Park. These case studies will illuminate how LiDAR and other remote sensing data can bear on understanding landscape evolutionary histories as well as management and policy concerns.